

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) An electronic device comprising:

an EL display device including:

a thin film transistor;

an EL element that comprises a pixel electrode [[being]] electrically connected to the thin film transistor, an EL layer formed over the pixel electrode, and an electrode formed over the EL layer;

~~an EL element with the pixel electrode as a cathode or an anode;~~

an applying means for applying an image signal to the EL element;

an insulating layer over the EL element and the applying means for applying the image signal to the EL element, the insulating layer comprising a silicon nitride film and a carbon film; and

a correcting means for gamma (γ)-correcting the image signal, wherein the correcting means is configured to amplify a signal of red and attenuate a signal of blue or green,

wherein the EL element comprises:

a first pixel comprising a blue luminescent layer,

a second pixel comprising a green luminescent layer, and

a third pixel comprising a red luminescent layer.

2. (Currently Amended) ~~[[A]]~~ An electronic device according to claim 1, further comprising:

a memory for storing data for the gamma (γ)-correcting.

3. (Currently Amended) ~~[[A]]~~ An electronic device according to claim 1, further comprising:

a color filter being formed at a position corresponding to the pixel electrode.

4-6. (Canceled)

7. (Currently Amended) ~~[[A]]~~ An electronic device according to claim 1,
wherein the gamma (γ)-correcting is independently applied for each of signals of blue, green and red.

8. (Currently Amended) ~~[[A]]~~ An electronic device according to claim 1,
wherein the EL element comprises a luminescent layer comprising a polymer organic material.

9. (Currently Amended) An EL display device comprising:
a thin film transistor;
an EL element that comprises a pixel electrode ~~[[being]]~~ electrically connected to the thin film transistor, an EL layer formed over the pixel electrode, and an electrode formed over the EL layer;

~~an EL element with the pixel electrode as a cathode or an anode;~~
an applying means for applying an image signal to the EL element; and
a correcting means for gamma (γ)-correcting the image signal, wherein the correcting means is configured to amplify a signal of red and attenuate a signal of blue or green; and
an insulating layer over the EL element and the applying means for applying the image signal to the EL element, the insulating layer comprising a silicon nitride film and a carbon film,
wherein the thin film transistor, the pixel electrode, the EL element, the insulating layer, the applying means and the correcting means are formed over a same substrate, and
wherein the EL element comprises:
a first pixel comprising a blue luminescent layer,
a second pixel comprising a green luminescent layer, and
a third pixel comprising a red luminescent layer.

10. (Currently Amended) [[A]] An EL display device according to claim 9, further comprising:

a memory for storing data for the gamma (γ)-correcting.

11. (Currently Amended) An EL display device [[of]] according to claim 9,

wherein the EL display device is used in an electronic device selected from the group consisting of an EL display, a video camera, a head mount type display, an image reproduction device comprising a recording medium, a portable computer, a personal computer, a portable telephone and a car audio equipment.

12. (Currently Amended) ~~[[A]]~~ An EL display device according to claim 9, further comprising:

a color filter being formed at a position corresponding to the pixel electrode.

13-15. (Canceled)

16. (Currently Amended) ~~[[A]]~~ An EL display device according to claim 9, wherein the gamma (γ)-correcting is independently applied for each of signals of blue, green and red.

17. (Currently Amended) ~~[[A]]~~ An EL display device according to claim 9, wherein the EL element comprises a luminescent layer comprising a polymer organic material.

18. (Currently Amended) ~~A device~~ An electronic device according to claim 1, wherein the ~~EL display device is used in an~~ electronic device is selected from the group consisting of an EL display, a video camera, a head mount type display, an image reproduction device comprising a recording medium, a portable computer, a personal computer, a portable telephone and a car audio equipment.

19. (Currently Amended) An electronic device comprising:

an EL display device comprising:

a thin film transistor;

an EL element that comprises a pixel electrode ~~[[being]]~~ electrically connected to the thin film transistor, an EL layer formed over the pixel electrode, and an electrode formed over the EL layer;

~~an EL element with the pixel electrode as a cathode or an anode;~~

a source driver circuit for applying an image signal to the EL element;

an insulating layer over the EL element and the source driver circuit, the insulating layer comprising a silicon nitride film and a carbon film; and

a correction circuit for gamma (γ)-correcting the image signal, wherein the correction circuit is configured to amplify a signal of red and attenuate a signal of blue or green,

wherein the EL element comprises:

a first pixel comprising a blue luminescent layer,

a second pixel comprising a green luminescent layer, and

a third pixel comprising a red luminescent layer.

20. (Currently Amended) ~~[[A]]~~ An electronic device according to claim 19, further comprising:

a memory for storing data for the gamma (γ)-correcting.

21. (Currently Amended) ~~An EL display~~ electronic device ~~[[of]]~~ according to claim 19,

wherein the ~~EL display device is used in an~~ electronic device is selected from the group consisting of an EL display, a video camera, a head mount type display, an image reproduction device comprising a recording medium, a portable computer, a personal computer, a portable telephone and a car audio equipment.

22. (Currently Amended) [[A]] An electronic device according to claim 19, further comprising:

a color filter being formed at a position corresponding to the pixel electrode.

23-25. (Canceled)

26. (Currently Amended) [[A]] An electronic device according to claim 19, wherein the gamma (γ)-correcting is independently applied for each of signals of blue, green and red.

27. (Currently Amended) [[A]] An electronic device according to claim 19, wherein the EL element comprises a luminescent layer comprising a polymer organic material.

28. (Currently Amended) An EL display device comprising:
a thin film transistor;
an EL element that comprises a pixel electrode [[being]] electrically connected to the thin film transistor, an EL layer formed over the pixel electrode, and an electrode formed over the EL layer;

~~an EL element with the pixel electrode as a cathode or an anode;~~

a source driver circuit for applying an image signal to the EL element;

an insulating layer over the EL element and the source driver circuit, the insulating layer comprising a silicon nitride film and a carbon film; and

a correction circuit for gamma (γ)-correcting the image signal, wherein the correction circuit is configured to amplify a signal of red and attenuate a signal of blue or green,

wherein the thin film transistor, the pixel electrode, the EL element, the insulating layer, the source driver circuit and the correction circuit are formed over a same substrate, and

wherein the EL element comprises:

a first pixel comprising a blue luminescent layer,

a second pixel comprising a green luminescent layer, and

a third pixel comprising a red luminescent layer.

29. (Currently Amended) [[A]] An EL display device according to claim 28, further comprising:

a memory for storing data for the gamma (γ)-correcting.

30. (Currently Amended) An EL display device [[of]] according to claim 28,

wherein the EL display device is used in an electronic device selected from the group consisting of an EL display, a video camera, a head mount type display, an image reproduction device comprising a recording medium, a portable computer, a personal computer, a portable telephone and a car audio equipment.

31. (Currently Amended) [[A]] An EL display device according to claim 28, further comprising:

a color filter being formed at a position corresponding to the pixel electrode.

32-34. (Canceled)

35. (Currently Amended) [[A]] An EL display device according to claim 28,
wherein the gamma (γ)-correcting is independently applied for each of signals of blue,
green and red.

36. (Currently Amended) [[A]] An EL display device according to claim 28,
wherein the EL element comprises a luminescent layer comprising a polymer organic
material.